P7H55/USB3 Specification

Note: The specifications are subject to change without notice.

CPU	LGA1156 socket for Intel® Core™ i7/Core™ i5/Core™ i3/ Pentium® Processors
	Supports Intel® Turbo Boost Technology
	*The Intel® Turbo Boost Technology support depends on the CPU types.
	*Refer to www.asus.com for the CPU support list
Chipset	Intel® H55 Express Chipset
Memory	4 x DIMM, max. 16GB, DDR3 2200(O.C.)*/2000/1866/1600/1333MHz, non-ECC, un-buffered memory
	Dual channel memory architecture
	Supports Intel® Extreme Memory Profile (XMP)
	*Hyper DIMM support is subject to the physical characteristics of individual CPUs. Some hyper DIMMs only support one DIMM per channel. Please refer to Memory QVL for details.
	*Refer to www.asus.com or this user manual for the Memory QVL (Qualified Vendors Lists).
Expansion Slots	1 x PCI Express 2.0 x16 slot
	1 x PCI Express 2.0 x16 slot(@x4 speed, 2.5GT/s, black slots)
	2 x PCI Express 2.0 x1 slots(2.5GT/s, gray slots)
	2 x PCI
	Support CrossFireX Technology
Storage	Intel® H55 Express Chipset
	- 6 x SATA 3.0 Gb/s ports
LAN	Realtek® 8112L Gigabit LAN controller featuring AI NET 2
Audio	VIA 1708S 8-channel High Definition Audio CODEC
	- Optical S/PDIF out port at back I/O
	- Supports Jack-Detection, Multi-streaming
USB	10 x USB 2.0/1.1 ports (4 ports at mid-board, 6 ports at back panel)
	2 x USB 3.0/2.0 ports (2 ports at back panel)
ASUS Unique Features	Hybrid Proceccer
	- ASUS TurboV EVO, TurboV, Auto Tuning
	Hybrid Switch
	- Turbo Key II
	Hybrid OS
	- Express Gate
	ASUS Exclusive Features
	- MemOK!
	- ASUS EPU
	ASUS Quiet Thermal Solution
	- ASUS Fanless Design: Stylish Heatsink Solution, MOS Heatsink
	- ASUS Fan Xpert
	ASUS EZ DIY
	- ASUS O.C. Profile
	- ASUS CrashFree BIOS 3
	- ASUS EZ Flash 2
	- ASUS MyLogo 2
	- Multi-language BIOS
ASUS Exclusive Overclocking Features	Precision Tweaker 2
	- vCore: Adjustable CPU voltage at 0.00625V increment
	- vIMC: Adjustable IMC voltage at 0.00625V increment
	- vDRAM Bus: 64-step DRAM voltage control
	- vPCH: 36-step chipset voltage control
	- vCPU PLL: 56-step reference voltage control
	SFS (Stepless Frequency Selection)
	- Internal Base Clock tuning from 80MHz up to 500MHz at 1MHz increment
	- PCI Express frequency tuning from 100MHz up to 200MHz at 1MHz increment
	Overclocking Protection:
	- ASUS C.P.R.(CPU Parameter Recall)
Back Panel I/O Ports	1 x PS/2 Keyboard
	1 x PS/2 mouse
	1 x Optical S/PDIF Output
	1 x RJ45 port
	6 x USB 2.0/1.1
	2 x USB 3.0/2.0 Ports
	8 - channel Audio I/O
Internal I/O Connectors	2 x USB connectors support additional 4 USB ports
	6 x SATA connectors
	1 x CPU Fan connector (1x4-pin)
	1 x Chassis Fan connectors (1x3-pin)
	1 x Power Fan connector (1x3-pin)
	1 x Front panel audio connector
	1 x S/PDIF Out header
	1 x CD audio in
	1 x 24-pin EATX Power connector
	1 x 4-pin ATX 12V Power connector
	1 x System Panel
	1 x MemOK! Button
	1 x COM connector

BIOS	16 Mb Flash ROM, AMI BIOS, PnP, DMI2.0, WfM2.0, SM BIOS 2.5, ACPI 2.0a
Manageability	WfM 2.0, DMI 2.0, WOL by PME, WOR by PME, PXE
Accessories	2 x Serial ATA 3.0Gb/s cables
	1 x I/O shield
	2 in 1 Q-connector (USB, System panel; Retail version only)
	User's manual
Support DVD	Drivers
	ASUS Utilities
	ASUS Update
	Anti-virus software (OEM version)
Form Factor	ATX Form Factor, 12"x 8.6" (30.5cm x 21.8cm)